

CLAIMS

- 1 1. A method of measuring the size of a distributed system of interconnected
2 servers, said method comprising the steps of:
3
4 for each said server, forming a first weighted asymptotic function of the count of
5 CPUs installed in said each said server, and a CPU factor based on said server
6 architecture and operating system;
7
8 for each said server, forming a second weighted asymptotic function of the
9 amount of random access memory installed on said each said server, and a
10 normalizing factor representing a reference date, and a RAM factor based on said
11 server architecture and operating system;
12
13 forming a product of said first weighted asymptotic function for said each said
14 server; and
15
16 forming the sum of said product for all said interconnected servers.
- 1 2. The method of Claim 1, further comprising the step of allocating support
2 manpower based on said sum.
- 1 3. The method of Claim 1, wherein the first weighted asymptotic function is
2 represented as f_{cpu} and is of the form:
3
4 $F_{\text{CPU}} = A(x) + e_x$.
- 1 4. The method of Claim 1, wherein the second weighted asymptotic function is
2 represented as f_{RAM} and is of the form:
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4 $F_{RAM} = A(x) + e_x.$

1 5. The method of Claim 1, wherein the reference date represents a base reference
2 year RAM.

1 6. A system for measuring the size of a distributed system of interconnected
2 servers, said system comprising:

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4 means for forming, for each said server, a first weighted asymptotic function of
5 the count of CPUs installed in said each said server, and a CPU factor based on
6 said server architecture and operating system;

7

8 means for forming, for each said server, a second weighted asymptotic function of
9 the amount of random access memory installed on said each said server, and a
10 normalizing factor representing a reference date, and a RAM factor based on said
11 server architecture and operating system;

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13 means for forming a product of said first weighted asymptotic function for said
14 each said server; and

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16 means for forming the sum of said product for all said interconnected servers.

1 7. The system of Claim 6, further comprising wherein support manpower is
2 allocated based on said sum.

1 8. The system of Claim 6, wherein the first weighted asymptotic function is
2 represented as f_{CPU} and is of the form:

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4 $F_{CPU} = A(x) + e_x.$

1 9. The system of Claim 6, wherein the second weighted asymptotic function is
2 represented as f_{RAM} and is of the form:

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4 $F_{\text{RAM}} = A(x) + e_x$.

1 10. The system of Claim 1, wherein the reference date represents a base reference
2 year RAM.

1 11. A program storage device readable by machine, tangibly embodying a
2 program of instructions executable by the machine to perform method steps for
3 measuring the size of a distributed system of interconnected servers, said method
4 steps comprising:

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6 for each said server, forming a first weighted asymptotic function of the count of
7 CPUs installed in said each said server, and a CPU factor based on said server
8 architecture and operating system;

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10 for each said server, forming a second weighted asymptotic function of the
11 amount of random access memory installed on said each said server, and a
12 normalizing factor representing a reference date, and a RAM factor based on said
13 server architecture and operating system;

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15 forming a product of said first weighted asymptotic function for said each said
16 server; and

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18 forming the sum of said product for all said interconnected servers.

1 12. The program storage device of Claim 11, wherein said method steps further
2 comprise the step of allocating support manpower based on said sum.

1 13. The program storage device of Claim 11, wherein the first weighted
2 asymptotic function is represented as f_{cpu} and is of the form:

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4 $F_{\text{CPU}} = A(x) + e_x.$

1 14. The program storage device of Claim 11, wherein the second weighted
2 asymptotic function is represented as f_{RAM} and is of the form:

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4 $F_{\text{RAM}} = A(x) + e_x.$

1 15. The program storage device of Claim 11, wherein the reference date
2 represents a base reference year RAM.